

INFORMATION DISCLOSURE CITATION

(Use separate sheets if necessary)

Docket Number (Optional)

4686-121.2 US

Application Number

10/791,989

Applicant(s)

SHEFER et al.

Filing Date

March 3, 2004

Group Art Unit

TBD

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
		3,686,025	08/22/1972	MORTON	117	140	
		3,689,435	09/05/1972	BERNI et al.	252	524	
		4,096,238	06/20/1978	ZAFFARONI et al.	424	15	
		4,145,184	03/20/1979	BRAIN et al.	8	137	
		4,152,272	05/01/1979	YOUNG	510	101	
		4,250,043	02/10/1981	JONES	510	327	
		4,402,856	09/06/1983	SCHNORING et al.	428	402.22	
		4,434,086	02/28/1984	HILL et al.	428	221	
		4,446,032	05/01/1984	MUNTEANU et al.	510	515	
		4,464,271	08/07/1984	MUNTEANU et al.	510	515	
		4,476,041	10/09/1984	HILL et al.	510	101	

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REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
						YES	NO
	0 334 490 B1	02/23/1989	European				
	0 376 385	12/20/1989	European				
	EP 0 469 228 B1	07/31/1990	European				
	0 539 025 A2	09/22/1992	European				
	EP 0 764 717 A1	09/18/1996	European				

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	Prescott, D et al., The Relationship Between Intracellular and Extracellular pH in Spontaneous Canine Tumors, Clinical Cancer Research, Vol. 6, 2501-2505, June 2000;
	Sawhney, A et al., Bioerodible Hydrogels Based on Photopolymerized Poly(ethylene glycol)-co-poly(alpha-hydroxy acid)Diacylate Macromers, Macromolecules 1993, 26, 581-587;

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		4,488,973	12/18/1984	HILL et al.	424	69	
		4,503,030	03/05/1985	EDGREN et al.	424	473	
		4,517,359	05/14/1985	KOBREHEL et al.	536	7.4	
		4,522,625	06/11/1985	EDGREN	424	473	
		4,536,315	08/20/1985	RAMACHANDRAN et al.	510	349	
		4,578,075	03/25/1986	URQUHART et al.	604	892	
		4,587,117	05/06/1986	EDGREN et al.	424	15	
		4,636,330	01/13/1987	MELVILLE	08	137	
		4,681,583	07/21/1987	URQUHART et al.	604	892	
		4,842,761	06/27/1989	RUTHERFORD	510	297	
		4,851,231	07/25/1989	URQUHART et al.	424	469	

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REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
						YES	NO
	EP 0 908 174 A2	08/18/1998	European				
	EP 0 925 776 A2	12/10/1998	European				
	WO 93 05136	03/18/1992	PCT				
	WO 93 05137	03/18/1993	PCT				
	WO 93 05139	03/18/1993	PCT				

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		Wani, M.C et al., Plant Antitumor Agents. VI. The Isolation and Structure of Taxol, a Novel Antileukemic and Antitumor Agent from Taxus Brevifolia, Journal of the American Chemical Society, 93:9, May 5, 1971;
		Balassa, L et al., Microencapsulatoin in the Food Industry, CRC Critical Reviews in Food Technology, July 1971, pp. 245-265;

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		4,910,021	03/20/1990	DAVIS et al.	424	456	
		4,919,841	04/24/1990	KAMEL et al.	252	186.26	
		4,946,624	08/07/1990	MICHAEL	510	101	
		4,954,285	09/04/1990	WIERENGA et al.	510	101	
		5,051,222	09/24/1991	MARTEN et al.	264	143	
		5,066,419	11/19/1991	WALLEY et al.	510	396	
		5,094,761	03/10/1992	TRINH et al.	510	515	
		5,102,564	04/07/1992	GARDLIK et al.	427	394	
		5,112,688	05/12/1992	MICHAEL	428	402.2	
		5,137,646	08/11/1992	SCHMIDT et al.	510	515	
		5,175,003	12/29/1992	GOLDMAN	424	484	

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						YES	NO
	WO 93 13195	07/08/1993	PCT				
	WO 94 19448	09/01/1994	PCT				
	WO 94 27107	11/24/1994	PCT				
	WO 97 11152	03/27/1997	PCT				
	WO 97 34981	09/25/1997	PCT				

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		Lehr, C et al., The potential of Bioadhesive Lectins for the Delivery of Peptide and Protein Drugs to the Gastrointestinal Tract, Lectins: Biomedical Perspectives, pp. 117-139;
		Duchene, D et al., Pharmaceutical and Medical Aspects of Bioadhesive Systems for Drug Administration, Drug Development and Industrial Pharmacy, 14 (2&3), 283-318 (1988);

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		5,188,753	02/23/1993	SCHMIDT et al.	510	395	
		5,207,933	05/04/1993	TRINH et al.	510	517	
		5,232,612	08/03/1993	TRINH et al.	510	515	
		5,232,613	08/03/1993	BACON et al.	510	101	
		5,234,610	08/10/1993	GARDLIK et al.	510	327	
		5,234,611	08/10/1993	TRINH et al.	510	523	
		5,236,615	08/17/1993	TRINH et al.	510	349	
		5,246,603	09/21/1993	TSAUR et al.	510	519	
		5,281,355	01/25/1994	TSAUR et al.	510	393	
		5,288,423	02/22/1994	BEHAN et al.	510	119	
		5,316,774	05/31/1994	EURY et al.	424	501	

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	REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation
							YES NO
		WO 97 47720	12/18/1997	PCT			
		WO 98 12298	03/26/1998	PCT			

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	Gerweck, L. et al. Cellular pH Gradient in Tumor versus Normal Tissue: Potential Exploitation for the Treatment of Cancer, Cancer Research 56, 1194-1198, March 15, 1996.	

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		5,324,444	06/28/1994	BERRY et al.	512	4	
		5,358,502	10/25/1994	HERBIG et al.	604	892.1	
		5,385,959	01/31/1995	TSAUR et al.	501	530	
		5,425,887	06/20/1995	LAM et al.	510	520	
		5,417,153	05/23/1995	KING et al.	99	517	
		5,484,610	01/16/1996	BAE	424	487	
		5,508,259	04/16/1996	HOLZNER et al.	512	4	
		5,525,367	06/11/1996	KING et al.	99	517	
		5,554,147	09/10/1996	BATICH et al.	604	890.1	
		5,562,847	10/08/1996	WAITE et al.	510	519	
		5,609,590	3/11/1997	HERBIG et al.	604	892.1	

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		5,656,292	08/12/1997	URTTI et al.	424	464	
		5,656,584	08/12/1997	ANGELL et al.	510	441	
		5,668,097	09/16/1997	TRINH et al.	510	293	
		5,691,303	11/25/1997	PAN et al.	512	4	
		5,788,687	08/04/1998	BATICH et al.	604	890.1	
		5,814,592	09/29/1998	KAHN et al.	510	304	
		5,840,668	11/24/1998	BEHAN et al.	510	112	
		5,858,959	01/12/1999	SURUTZIDIS et al.	510	507	
		5,955,419	09/21/1999	BARKET Jr et al.	510	507	
		6,025,319	02/15/2000	SURUTZIDIS et al.	510	441	
		6,042,792	03/28/2000	SHEFER et al.	422	259	

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*EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
		6,048,830	04/11/2000	GALLON et al.	510	349	
		6,051,540	04/18/2000	SHEFER et al.	510	101	
		6,068,859	05/30/2000	CURATOLO et al.	510	515	
		6,093,691	07/25/2000	SIVIK et al.	510	515	
		6,103,865	08/15/2000	BAE et al.	258	373	
		6,228,396	05/08/2001	WATTS	424	463	
		6,306,422	10/23/2001	BATICH et al.	424	423	
		6,365,187 B2	04/02/2002	MATHIOWITZ et al.	424	486	
		6,383,811	05/07/2002	WOLFF et al.	435	450	
		6,426,086 B1	07/30/2002	PAPAHADJOPOULOS et al.	424	450	
		6,475,995	11/05/2002	ROY et al.	514	44	

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*EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
		6,602,524 B2	08/05/2003	BATICH et al.	424	489	
		6,652,884	11/25/2003	FALCIANI	424	489	
		6,664,288	12/16/2003	PARDEE et al.	514	449	
		6,669,958	12/30/2003	TRAGER et al.	424	484	

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	Flinn, J. E et al., Advances in Microencapsulation Techniques, Batelle Technical Review, Vol. 16, No. 2, pp 2-8 (1967);		
	The Extra Pharmacopoeia, The Pharmaceutical Press, 28th Ed. pp. 1063-1072, 1982.		
EXAMINER	/Janet Epps Ford/		DATE CONSIDERED 04/28/2008

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